

February 1, 1954

Mr. Tetsuo Iino
National Institute of Genetics
Yata 1111, Misima, Sizuoka-ken
Japan.

Dear Mr. Iino:

I have just received your completed application form which, together with other letters and documents, serves to answer many of my questions of my letter of January 26th. To avoid confusion in the event our correspondence crosses, I will withhold any reply to you until you have acknowledged this letter dated February 1.

I now assume that you are applying for admission to the Graduate School with the intention of working for a Ph. D. degree in Genetics and Bacteriology. This course of study will probably take you three years, possibly one semester less or more depending on how readily you can adapt yourself to our educational patterns. On the basis of your own statements, records and the recommendations from your professors, I will be very happy to accept you as a student if the financial and other arrangements can be worked out.

First of all, I am obliged to repeat that I will have no working space in the laboratory until one year from now, and if it is convenient for you in other respects, I would suggest that you do not begin your work here until that time. However, if required by your fellowship, you could matriculate at the University in September, and spend the first semester entirely in course-work and in possible adjustment to life here. Please let me know of your needs on this point.

As to financial aid from the University: I do not yet want to make a definite commitment (as our budget will not be approved until June or July) but I think it would be possible to arrange a research assistantship for you, if you have no other fellowship or support. This will pay about \$110-115 per month for your first year or two. This is an adequate sum for subsistence of a single person (perhaps Dr. Kimura could give you some helpful advice on this). This position would become available, of course, when you could begin your research work (in February 1955). If you wished to matriculate in September you would have to find your own resources for the time. You will of course also have to find your own means of subsidy for your travel expense. If I can assist you in any way by certifying your acceptance here, please let me know. The same applies for your application for a visa.

I have in mind a problem that seems to coincide exactly with your stated interests: linkage in Salmonella transduction. [I refer you to these papers: J. Bact. 64:679, 1952; Jour. Gen. Microbiol. 8:89-103, 1953; Jour. Immunol. 71:232-240, 1953-- and will send you reprints when available.] Our present material suggests the possibility of loci so closely linked that they are capable of being transduced on the same fragment, but the markers are not entirely satisfactory, and others should be sought in order to pursue the problem more exactly. This should give you excellent practice in the isolation and characterization of bacterial mutants!

With best wishes and hopes for a fruitful association,

Yours sincerely,

P.S. If you have an opportunity to thank Drs. Kimura, Kikkawa, Komai, Sinoto, and McDonald for their remarks, please do so on my behalf as well as your own.

JL.